

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2005/002945

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 D21J1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 D21J D21H C08G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/155223 A1 (COLVIN JOHN ET AL) 24 October 2002 (2002-10-24)	1,19
Y	paragraphs '0033!, '0034!; claims 1-35	7
Y	GB 1 098 838 A (COOPER, McDougall & ROBERTSON LIMITED) 10 January 1968 (1968-01-10) claims 1-23	7
X	US 6 123 795 A (SYMONS ET AL) 26 September 2000 (2000-09-26) claims 1-15	1,19
X	US 5 750 201 A (PHANOPoulos ET AL) 12 May 1998 (1998-05-12) claims 1-13	1,19
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

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PCT/EP2005/002945

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 214 265 B1 (ROSTHAUSER JAMES W ET AL) 10 April 2001 (2001-04-10) the whole document _____	1-22
A	US 2003/006006 A1 (MENTE DONALD C ET AL) 9 January 2003 (2003-01-09) the whole document _____	1-22
A	US 6 007 649 A (HAAS ET AL) 28 December 1999 (1999-12-28) the whole document _____	1-22
A	US 4 533 436 A (BETZNER ET AL) 6 August 1985 (1985-08-06) the whole document _____	1-22

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/EP2005/002945

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 2002155223	A1	24-10-2002		CA 2437826 A1 CN 1514763 A EP 1372920 A2 JP 2004521777 T NZ 527376 A NZ 537329 A WO 02064337 A2 US 2004063891 A1		22-08-2002 21-07-2004 02-01-2004 22-07-2004 29-04-2005 27-05-2005 22-08-2002 01-04-2004
GB 1098838	A	10-01-1968		BE 689656 A DE 1268295 B FR 1500647 A NL 6615977 A		16-05-1967 16-05-1968 03-11-1967 16-05-1967
US 6123795	A	26-09-2000		AU 706508 B2 AU 1803797 A CA 2245885 A1 DE 69702892 D1 DE 69702892 T2 EP 0880619 A2 CN 1265169 A ES 2148929 T3 WO 9732074 A2 ZA 9701161 A		17-06-1999 16-09-1997 04-09-1997 28-09-2000 05-04-2001 02-12-1998 30-08-2000 16-10-2000 04-09-1997 25-08-1997
US 5750201	A	12-05-1998		AT 201892 T AU 712785 B2 AU 4945296 A CA 2213433 A1 CN 1181099 A DE 69613222 D1 DE 69613222 T2 DK 820488 T3 WO 9632444 A1 EP 0820488 A1 ES 2158294 T3 JP 11503476 T NZ 303211 A PT 820488 T		15-06-2001 18-11-1999 30-10-1996 17-10-1996 06-05-1998 12-07-2001 08-11-2001 03-09-2001 17-10-1996 28-01-1998 01-09-2001 26-03-1999 29-04-1999 28-09-2001
US 6214265	B1	10-04-2001		AT 262008 T AU 752006 B2 AU 2173100 A BR 9916163 A CA 2355055 A1 CN 1330690 A ,C DE 69915700 D1 DE 69915700 T2 EP 1155087 A1 ES 2217874 T3 HK 1043144 A1 JP 2002532292 T MX PA01006021 A NZ 512387 A PL 349492 A1 WO 0036019 A1 US 2001017427 A1		15-04-2004 05-09-2002 03-07-2000 04-09-2001 22-06-2000 09-01-2002 22-04-2004 10-02-2005 21-11-2001 01-11-2004 21-01-2005 02-10-2002 27-03-2002 20-12-2002 29-07-2002 22-06-2000 30-08-2001

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/EP2005/002945

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2003006006	A1	09-01-2003	US	2002121340 A1	05-09-2002
			CA	2363818 A1	29-06-2002
			GB	2370578 A	03-07-2002
			MX	PA01012610 A	20-08-2003
US 6007649	A	28-12-1999	DE	19603330 C1	05-06-1997
			AT	182340 T	15-08-1999
			AU	710767 B2	30-09-1999
			AU	1543197 A	22-08-1997
			BR	9707241 A	20-07-1999
			CA	2244190 A1	07-08-1997
			CN	1209818 A	03-03-1999
			CZ	9802424 A3	14-10-1998
			DE	59700271 D1	26-08-1999
			EE	9800228 A	15-12-1998
			WO	9728202 A1	07-08-1997
			EP	0877767 A1	18-11-1998
			ES	2134062 T3	16-09-1999
			GR	3031416 T3	31-01-2000
			HU	9900957 A2	28-07-1999
			JP	2000504051 T	04-04-2000
			NO	983450 A	27-07-1998
			ZA	9700764 A	04-11-1997
			DK	877767 T3	31-01-2000
US 4533436	A	06-08-1985	US	4402896 A	06-09-1983
			AU	549598 B2	30-01-1986
			AU	1073783 A	03-11-1983
			CA	1174421 A1	18-09-1984
			DE	3367872 D1	15-01-1987
			EP	0093270 A2	09-11-1983
			JP	58194530 A	12-11-1983